

GenCore version 5.1.6
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OM protein - protein search, using SW model

Run on: April 12, 2004, 15:58:15 / Search time 47 Seconds
(without alignments)
1969.237 Million cell updates/sec

Title: US-09-939-226b-5

Perfect score: 1841
1 MDYQVSSPIYDINVTSEPC.....ERASSVYRSTGEQISVGL 352

Scoring table: BLOSUM62
Gapop 10.0, Gapext 0.5

Searched: 1073127 seqs, 262937947 residues

Total number of hits satisfying chosen parameters: 1073127

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Database:

Published Applications AA:*
1: /cgn2_6/prodata/1/pubpa/US07_PUBCOMB.pep:*
2: /cgn2_6/prodata/1/pubpa/PT06_NEW_PUB.pep:*
3: /cgn2_6/prodata/1/pubpa/US06_NEW_PUB.pep:*
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6: /cgn2_6/prodata/1/pubpa/PT05_PUBCOMB.pep:*
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8: /cgn2_6/prodata/1/pubpa/US08_PUBCOMB.pep:*
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18: /cgn2_6/prodata/1/pubpa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1841	100.0	352	9	US-09-759-841-2
2	1841	100.0	352	9	US-09-813-653-15
3	1841	100.0	352	9	US-09-796-202-1
4	1841	100.0	352	9	US-09-938-719-5
5	1841	100.0	352	9	US-09-938-719-5
6	1841	100.0	352	9	US-09-939-426-5
7	1841	100.0	352	9	US-09-938-703-5
8	1841	100.0	352	13	US-09-734-221A-14
9	1841	100.0	352	13	US-10-106-623-2
10	1841	100.0	352	14	US-10-086-814-1
11	1841	100.0	352	14	US-10-290-058A-6
12	1841	100.0	352	14	US-10-223-567A-352
13	1841	100.0	352	14	US-10-323-314-1
14	1841	100.0	352	14	US-10-072-301-1
15	1841	100.0	352	14	US-10-071-866-1
15	1841	100.0	352	14	US-10-239-423-67

16	1841	100.0	352	14	US-10-439-845-4	Sequence 4, Appli
17	1841	100.0	352	15	US-10-360-828-1	Sequence 1, Appli
18	1836	99.7	352	14	US-10-439-845-2	Sequence 2, Appli
19	1835	99.7	352	9	US-09-813-653-17	Sequence 17, Appli
20	1835	99.7	352	11	US-09-826-509-477	Sequence 477, App
21	1835	99.7	352	14	US-10-164-649-52	Sequence 52, Appli
22	1833	99.6	352	9	US-09-725-285-2	Sequence 2, Appli
23	1833	99.6	352	9	US-09-779-879A-22	Sequence 22, Appli
24	1833	99.6	352	9	US-09-779-880A-22	Sequence 2, Appli
25	1833	99.6	352	9	US-09-195-662A-2	Sequence 2, Appli
26	1833	99.6	352	9	US-09-339-912A-2	Sequence 2, Appli
27	1833	99.6	352	9	US-09-302-783A-2	Sequence 2, Appli
28	1833	99.6	352	14	US-10-232-686-2	Sequence 2, Appli
29	1833	99.6	352	14	US-10-067-800-22	Sequence 22, Appli
30	1833	99.6	352	14	US-10-135-893A-22	Sequence 22, Appli
31	1826	99.2	352	9	US-09-779-879A-22	Sequence 2, Appli
32	1826	99.2	352	9	US-09-779-880A-2	Sequence 2, Appli
33	1826	99.2	352	14	US-10-067-800-2	Sequence 2, Appli
34	1826	99.2	352	14	US-10-135-839-2	Sequence 2, Appli
35	1807	98.2	352	13	US-10-106-623-20	Sequence 20, Appli
36	1641.5	89.2	332	14	US-10-095-876A-2	Sequence 2, Appli
37	1365	74.1	347	9	US-09-104-792-3	Sequence 20, Appli
38	1364	74.1	347	9	US-10-176-078-3	Sequence 3, Appli
39	1364	74.1	360	14	US-10-131-827A-20	Sequence 2, Appli
40	1364	74.1	360	14	US-10-131-827A-2	Sequence 2, Appli
41	1364	74.1	360	14	US-10-225-567A-460	Sequence 460, App
42	1364	74.1	360	14	US-10-164-649-50	Sequence 50, Appli
43	1364	74.1	360	14	US-10-239-423-64	Sequence 64, Appli
44	1364	74.1	360	14	US-10-439-845-8	Sequence 8, Appli
45	1358	73.8	360	11	US-09-826-509-473	Sequence 473, App

ALIGNMENTS

RESULT 1
US-09-759-841-2
Sequence 2, Application US/09759841
Patent No. US20010009026A1
GENERAL INFORMATION:
APPLICANT: Rickett, Graham A
APPLICANT: Dobbs, Susan
APPLICANT: Perros, Manousos
TITLE OF INVENTION: Assay Method
FILE REFERENCE: P010348A0ME
CURRENT APPLICATION NUMBER: US/09/759, 841
CURRENT FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: GB 0000661.9
PRIOR FILING DATE: 2000-01-12
PRIOR APPLICATION NUMBER: GB 0000663.5
PRIOR FILING DATE: 2000-01-12
PRIOR APPLICATION NUMBER: GB 0000659.3
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
LENGTH: 352
TYPE: PRT
ORGANISM: Homo sapiens
US-09-759-841-2

Query Match 100.0%; Score 1841; DB 9; Length 352;
Best Local Similarity 100.0%; Pred. No. 1.3e-140;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	MDYQVSSPIYDINVTSEPCOKINVKQIAARLLPLYSLVIFPGVGMVYILINCKR	60
DB	1	MDYQVSSPIYDINVTSEPCOKINVKQIAARLLPLYSLVIFPGVGMVYILINCKR	60
QY	61	LKSMTDIYLNLAISDLFFLLTVFPMAYAAQMDPNTWCQILITGLYIFGFSGIFPII	120
DB	61	LKSMTDIYLNLAISDLFFLLTVFPMAYAAQMDPNTWCQILITGLYIFGFSGIFPII	120

QY 121 LITDRYLAHVAVFALKARTVTEGVTSTVTWVAFAVSLPGIIFTRSQEGIAHYTCSS 180
Db 121 LITDRYLAHVAVFALKARTVTEGVTSTVTWVAFAVSLPGIIFTRSQEGIAHYTCSS 180
QY 181 HFPYSQYQFMKNFQTLKIVILGLVPLLVAVICYSGLIKTLRCKRNEKRRRAVRLIFTI 240
Db 181 HFPYSQYQFMKNFQTLKIVILGLVPLLVAVICYSGLIKTLRCKRNEKRRRAVRLIFTI 240
QY 241 MIVVFLFMAPYNIYLLNTFOEPFGLNCCSSNRLDQAMQVTELTGTHCCINPIIYAFV 300
Db 241 MIVVFLFMAPYNIYLLNTFOEPFGLNCCSSNRLDQAMQVTELTGTHCCINPIIYAFV 300
QY 301 GEKFRNYLLVFQGHIAKRFCKCSIFQEAPEBASVYTRSTGEQEIISVGL 352
Db 301 GEKFRNYLLVFQGHIAKRFCKCSIFQEAPEBASVYTRSTGEQEIISVGL 352

RESULT 2

US-09-813-653-15
; Sequence 15, Application US/09813653
; Patent No. US20020064770A1
; GENERAL INFORMATION:
; APPLICANT: Nestor, John
; APPLICANT: Wilson, Carol
; APPLICANT: See, Raymond
; APPLICANT: Tan, Henry, Christina
; TITLE OF INVENTION: Binding Compounds and Methods For Identifying Binding Compounds
; FILE REFERENCE: CMS-005
; CURRENT APPLICATION NUMBER: US/09/813,653
; PRIOR FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: US 60/190,946
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/190,996
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/191,299
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO: 15
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-813-653-15

Query Match 100.0%; Score 1841; DB 9; Length 352;
Best Local Similarity 100.0%; Pred. No. 1.3e-140; Indels 0; Gaps 0;
Matches 352; Conservative 0; Mismatches 0;

QY 1 MDYVSSPIYDINITYTSEPCQKINVKQIAARLLPPLVSLVFIFGVGNMLVILLINCKR 60
Db 1 MDYVSSPIYDINITYTSEPCQKINVKQIAARLLPPLVSLVFIFGVGNMLVILLINCKR 60
QY 61 LKSMTDIYLLNLAISDLFELLTVPFMAHYAAQMDFGNTMQLTGIFYIFGFSGIFPII 120
Db 61 LKSMTDIYLLNLAISDLFELLTVPFMAHYAAQMDFGNTMQLTGIFYIFGFSGIFPII 120
QY 121 LITDRYLAHVAVFALKARTVTEGVTSTVTWVAFAVSLPGIIFTRSQEGIAHYTCSS 180
Db 121 LITDRYLAHVAVFALKARTVTEGVTSTVTWVAFAVSLPGIIFTRSQEGIAHYTCSS 180
QY 181 HFPYSQYQFMKNFQTLKIVILGLVPLLVAVICYSGLIKTLRCKRNEKRRRAVRLIFTI 240
Db 181 HFPYSQYQFMKNFQTLKIVILGLVPLLVAVICYSGLIKTLRCKRNEKRRRAVRLIFTI 240
QY 241 MIVVFLFMAPYNIYLLNTFOEPFGLNCCSSNRLDQAMQVTELTGTHCCINPIIYAFV 300
Db 241 MIVVFLFMAPYNIYLLNTFOEPFGLNCCSSNRLDQAMQVTELTGTHCCINPIIYAFV 300
QY 301 GEKFRNYLLVFQGHIAKRFCKCSIFQEAPEBASVYTRSTGEQEIISVGL 352
Db 301 GEKFRNYLLVFQGHIAKRFCKCSIFQEAPEBASVYTRSTGEQEIISVGL 352

RESULT 3

US-09-796-202-1
; Sequence 1, Application US/09796202
; Patent No. US2002006813A1
; GENERAL INFORMATION:
; APPLICANT: Dragic, Tatjana
; APPLICANT: Olson, William
; TITLE OF INVENTION: SULFATED CCR5 PEPTIDES FOR HIV-1 INFECTION
; FILE REFERENCE: 2048/61010/JPW/SHS
; CURRENT APPLICATION NUMBER: US/09/796,202
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO: 1
; LENGTH: 352
; TYPE: PRT
; ORGANISM: human
US-09-796-202-1

Query Match 100.0%; Score 1841; DB 9; Length 352;
Best Local Similarity 100.0%; Pred. No. 1.3e-140; Indels 0; Gaps 0;
Matches 352; Conservative 0; Mismatches 0;

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Db 1 MDYVSSPIYDINITYTSEPCQKINVKQIAARLLPPLVSLVFIFGVGNMLVILLINCKR 60
QY 61 LKSMTDIYLLNLAISDLFELLTVPFMAHYAAQMDFGNTMQLTGIFYIFGFSGIFPII 120
Db 61 LKSMTDIYLLNLAISDLFELLTVPFMAHYAAQMDFGNTMQLTGIFYIFGFSGIFPII 120
QY 121 LITDRYLAHVAVFALKARTVTEGVTSTVTWVAFAVSLPGIIFTRSQEGIAHYTCSS 180
Db 121 LITDRYLAHVAVFALKARTVTEGVTSTVTWVAFAVSLPGIIFTRSQEGIAHYTCSS 180
QY 181 HFPYSQYQFMKNFQTLKIVILGLVPLLVAVICYSGLIKTLRCKRNEKRRRAVRLIFTI 240
Db 181 HFPYSQYQFMKNFQTLKIVILGLVPLLVAVICYSGLIKTLRCKRNEKRRRAVRLIFTI 240
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Db 241 MIVVFLFMAPYNIYLLNTFOEPFGLNCCSSNRLDQAMQVTELTGTHCCINPIIYAFV 300
QY 301 GEKFRNYLLVFQGHIAKRFCKCSIFQEAPEBASVYTRSTGEQEIISVGL 352
Db 301 GEKFRNYLLVFQGHIAKRFCKCSIFQEAPEBASVYTRSTGEQEIISVGL 352

RESULT 4

US-09-938-719-5
; Sequence 5, Application US/09938719
; Patent No. US20020106742A1
; GENERAL INFORMATION:
; APPLICANT: SAMSON, MICHEL
; APPLICANT: VASANT, GILBERT
; APPLICANT: PARMENTIER, MARC
; TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
; AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/939, 719
FILING DATE: 24-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/626, 939
FILING DATE: 27-JULY-2000
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: <Unknown>
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 352 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-939-719-5

Query Match 100.0%; Score 1841; DB 9; Length 352;
Best Local Similarity 100.0%; Pred. No. 1,3e-140;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MDYQSSPIYDINYYTSPFCQKINVKQIARLLPPLYSLVIFPGFVGNMLVILLINCKR 60
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DB 61 LKSMTDIYLNLAISDLFFLLTVPFMAHYAAQWDFGNMCOQLLTGLYIFGFSGIFFTI 120
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QY 181 HFPYSQYQFWNPFQTKIVILGLVPLVWVICYSGILKTLRCRNEKRRRAVRLIFTI 240
DB 181 HFPYSQYQFWNPFQTKIVILGLVPLVWVICYSGILKTLRCRNEKRRRAVRLIFTI 240
QY 241 MIYVFLFMAFYNIVLLNTFQEFGLNCCSSNRDLQAMQVTELTGMTHCCINPIIYAFV 300
DB 241 MIYVFLFMAFYNIVLLNTFQEFGLNCCSSNRDLQAMQVTELTGMTHCCINPIIYAFV 300
QY 301 GEKFRNYLVFQKHIAKRFCKCCSIFQEAPEBASSVYTRSTGEQISVGL 352
DB 301 GEKFRNYLVFQKHIAKRFCKCCSIFQEAPEBASSVYTRSTGEQISVGL 352

RESULT 5
US-09-939-226-5
Sequence 5, Application US/09939226
Patent No. US20020110805A1
GENERAL INFORMATION:

APPLICANT: SAMSON, MICHEL
PARMENTIER, MARC
VASSART, GILBERT
LIBERT, FREDERICK
TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: CA
COUNTRY: U.S.A.
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/939, 226
FILING DATE: 24-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/626, 939
FILING DATE: 2000-07-27
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: <Unknown>
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 352 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-939-226-5

Query Match 100.0%; Score 1841; DB 9; Length 352;
Best Local Similarity 100.0%; Pred. No. 1,3e-140;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDYQSSPIYDINYYTSPFCQKINVKQIARLLPPLYSLVIFPGFVGNMLVILLINCKR 60
DB 1 MDYQSSPIYDINYYTSPFCQKINVKQIARLLPPLYSLVIFPGFVGNMLVILLINCKR 60
QY 61 LKSMTDIYLNLAISDLFFLLTVPFMAHYAAQWDFGNMCOQLLTGLYIFGFSGIFFTI 120
DB 61 LKSMTDIYLNLAISDLFFLLTVPFMAHYAAQWDFGNMCOQLLTGLYIFGFSGIFFTI 120
QY 121 LITIDRYAVVAHVAFAKARTVGVTSVITWVAAPASLPGLITFRSOKEGHYTCSS 180
DB 121 LITIDRYAVVAHVAFAKARTVGVTSVITWVAAPASLPGLITFRSOKEGHYTCSS 180
QY 181 HFPYSQYQFWNPFQTKIVILGLVPLVWVICYSGILKTLRCRNEKRRRAVRLIFTI 240
DB 181 HFPYSQYQFWNPFQTKIVILGLVPLVWVICYSGILKTLRCRNEKRRRAVRLIFTI 240
QY 241 MIYVFLFMAFYNIVLLNTFQEFGLNCCSSNRDLQAMQVTELTGMTHCCINPIIYAFV 300
DB 241 MIYVFLFMAFYNIVLLNTFQEFGLNCCSSNRDLQAMQVTELTGMTHCCINPIIYAFV 300
QY 301 GEKFRNYLVFQKHIAKRFCKCCSIFQEAPEBASSVYTRSTGEQISVGL 352
DB 301 GEKFRNYLVFQKHIAKRFCKCCSIFQEAPEBASSVYTRSTGEQISVGL 352

RESULT 6
US-09-939-703-5
Sequence 5, Application US/09938703
Patent No. US20020110870A1
GENERAL INFORMATION:

APPLICANT: SAMSON, MICHEL
PARMENTIER, MARC
VASSART, GILBERT
LIBERT, FREDERICK
TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: CA
COUNTRY: U.S.A.
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/938,703
FILING DATE: 24-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/626,939
FILING DATE: 2000-07-27
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: <Unknown>
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 352 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-938-703-5

Query Match 100.0%; Score 1841; DB 9; Length 352;
Best Local Similarity 100.0%; Pred. No. 1,3e-140;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDYVSSPIYDINNTSEPCQKINVKQIAARLLPLYSLVIFGFGVGNMLVILLINCKR 60
DB 1 MDYVSSPIYDINNTSEPCQKINVKQIAARLLPLYSLVIFGFGVGNMLVILLINCKR 60
QY 61 LKSMTDIYLNLAISDLFFLLTFPMAHYAAQWDFGNTMQLLTGLYFIFGSGIFPII 120
DB 61 LKSMTDIYLNLAISDLFFLLTFPMAHYAAQWDFGNTMQLLTGLYFIFGSGIFPII 120
QY 121 LITIRYLAVVAHVAVALKARTVFGVTSVITWVAVAFASLPGIIFTRSQKRGHAYVRLIFTI 180
DB 121 LITIRYLAVVAHVAVALKARTVFGVTSVITWVAVAFASLPGIIFTRSQKRGHAYVRLIFTI 180
QY 181 HFPYSQYQFMKNPQTLKIYILGLVPLPLVMVICYSGILKTLRCRNEKRRHAYVRLIFTI 240
DB 181 HFPYSQYQFMKNPQTLKIYILGLVPLPLVMVICYSGILKTLRCRNEKRRHAYVRLIFTI 240
QY 241 MIVYFLFMAPNYIVLLNTFOEFFGLNCCSSNRLDQAMQVTEITGMTHCCINPIIYAFV 300
DB 241 MIVYFLFMAPNYIVLLNTFOEFFGLNCCSSNRLDQAMQVTEITGMTHCCINPIIYAFV 300
QY 301 GEKFRNYLLVFFQKHIAKFCCKCSIFQEAPEBASVYTRSTGEQEISVGL 352
DB 301 GEKFRNYLLVFFQKHIAKFCCKCSIFQEAPEBASVYTRSTGEQEISVGL 352

RESULT 7
US-09-734-221A-14
Sequence 14, Application US/09734221A
Publication No. US20030096221A1
GENERAL INFORMATION:
APPLICANT: LITTMAN, DAN R.
DENG, HONGKUI
EILMEIER, WILFRIED
LANDAU, NATHANIEL R.
LIU, RONG
TITLE OF INVENTION: G-COUPLED RECEPTORS ASSOCIATED WITH
MACROPHAGE-TROPIC HIV, AND DIAGNOSTIC AND THERAPEUTIC
USES THEREOF
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/734,221A
FILING DATE: 11-Dec-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/666,020
FILING DATE: 19-JUN-1996
APPLICATION NUMBER: US 08/227,319
FILING DATE: 13-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 1049-1-004 N2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 352 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHEICAL: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-09-734-221A-14

Query Match 100.0%; Score 1841; DB 10; Length 352;
Best Local Similarity 100.0%; Pred. No. 1,3e-140;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDYVSSPIYDINNTSEPCQKINVKQIAARLLPLYSLVIFGFGVGNMLVILLINCKR 60
DB 1 MDYVSSPIYDINNTSEPCQKINVKQIAARLLPLYSLVIFGFGVGNMLVILLINCKR 60
QY 61 LKSMTDIYLNLAISDLFFLLTFPMAHYAAQWDFGNTMQLLTGLYFIFGSGIFPII 120
DB 61 LKSMTDIYLNLAISDLFFLLTFPMAHYAAQWDFGNTMQLLTGLYFIFGSGIFPII 120
QY 121 LITIRYLAVVAHVAVALKARTVFGVTSVITWVAVAFASLPGIIFTRSQKRGHAYVRLIFTI 180
DB 121 LITIRYLAVVAHVAVALKARTVFGVTSVITWVAVAFASLPGIIFTRSQKRGHAYVRLIFTI 180
QY 181 HFPYSQYQFMKNPQTLKIYILGLVPLPLVMVICYSGILKTLRCRNEKRRHAYVRLIFTI 240
DB 181 HFPYSQYQFMKNPQTLKIYILGLVPLPLVMVICYSGILKTLRCRNEKRRHAYVRLIFTI 240
QY 241 MIVYFLFMAPNYIVLLNTFOEFFGLNCCSSNRLDQAMQVTEITGMTHCCINPIIYAFV 300
DB 241 MIVYFLFMAPNYIVLLNTFOEFFGLNCCSSNRLDQAMQVTEITGMTHCCINPIIYAFV 300
QY 301 GEKFRNYLLVFFQKHIAKFCCKCSIFQEAPEBASVYTRSTGEQEISVGL 352
DB 301 GEKFRNYLLVFFQKHIAKFCCKCSIFQEAPEBASVYTRSTGEQEISVGL 352

RESULT 8
US-10-106-623-2
Sequence 2, Application US/10106623
Publication No. US20020150888A1
GENERAL INFORMATION:
APPLICANT: Gray, Patrick W.
Rapport, Carol J.
Schweickart, Vicky L.
TITLE OF INVENTION: Chemokine Receptor Materials and Methods
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borum
STREET: 6300 Sears Tower, 233 S. Wacker Drive

```

CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30

CURRENT APPLICATION NUMBER: US/10/106,623
FILING DATE: 26-Mar-2002
CLASSIFICATION: <Unknown>

PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/771,276
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: No. US20020150888Aland, Greta E.
REGISTRATION NUMBER: 35,302
TELEPHONE: 312-474-0448
TELEFAX: 312-474-0448
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 352 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: /= "88c amino acid sequence"
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-106-623-2

Query Match      100.0%; Score 1841; DB 13; Length 352;
Best Local Similarity 100.0%; Pred. No. 1.3e-140;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDQVSSPIVDINYYTSEPCQKINVKQIAARLLPPLYSLVIFGFGVNMVLILINCKR 60
DB 1 MDQVSSPIVDINYYTSEPCQKINVKQIAARLLPPLYSLVIFGFGVNMVLILINCKR 60
QY 61 LKSMTDIYLNLAIISDLFFLLTVPFMAHYAAQMDPGNTWCQLLTGLYFIFGFSGIFPFI 120
DB 61 LKSMTDIYLNLAIISDLFFLLTVPFMAHYAAQMDPGNTWCQLLTGLYFIFGFSGIFPFI 120
QY 121 LITIDRYLAHVAVFALKARTVTFGVVTSVITWVAVFASLPGLIIFTRSQEGELHYTCSS 180
DB 121 LITIDRYLAHVAVFALKARTVTFGVVTSVITWVAVFASLPGLIIFTRSQEGELHYTCSS 180
QY 181 HFPYSQYQFQKNTQTKIVILGLVPLVWVICYSGLITKLRCRNEKRRHRAVRLIFTI 240
DB 181 HFPYSQYQFQKNTQTKIVILGLVPLVWVICYSGLITKLRCRNEKRRHRAVRLIFTI 240
QY 241 MIYVFLFMAPYNYLVLLNTFOEFFGLNCCSSNRDLQAMQVTELTGTHCCINPIIYAFV 300
DB 241 MIYVFLFMAPYNYLVLLNTFOEFFGLNCCSSNRDLQAMQVTELTGTHCCINPIIYAFV 300
QY 301 GEKFRNYLVLFQKHIAKFCCKCSIFQOEAPERASSVYTRSTGEQEISVGL 352
DB 301 GEKFRNYLVLFQKHIAKFCCKCSIFQOEAPERASSVYTRSTGEQEISVGL 352

RESULT 9
US-10-086-814-1
; Sequence 1, Application US/1006814
; Publication No. US20030092632A1
; GENERAL INFORMATION:
; APPLICANT: Dragic, Tatjana
; APPLICANT: Olson, William C.
; TITLE OF INVENTION: SULFATED CCR5 PEPTIDES FOR HIV-1 INFECTION
; FILE REFERENCE: 61010-AB-1

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CURRENT APPLICATION NUMBER: US/10/086,814
CURRENT FILING DATE: 2002-02-28
NUMBER OF SEQ ID NOS: 38
SOFTWARE: Patent in version 3.1
SEQ ID NO 1
LENGTH: 352
TYPE: PRT
ORGANISM: Homo sapiens
US-10-086-814-1

Query Match      100.0%; Score 1841; DB 14; Length 352;
Best Local Similarity 100.0%; Pred. No. 1.3e-140;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDQVSSPIVDINYYTSEPCQKINVKQIAARLLPPLYSLVIFGFGVNMVLILINCKR 60
DB 1 MDQVSSPIVDINYYTSEPCQKINVKQIAARLLPPLYSLVIFGFGVNMVLILINCKR 60
QY 61 LKSMTDIYLNLAIISDLFFLLTVPFMAHYAAQMDPGNTWCQLLTGLYFIFGFSGIFPFI 120
DB 61 LKSMTDIYLNLAIISDLFFLLTVPFMAHYAAQMDPGNTWCQLLTGLYFIFGFSGIFPFI 120
QY 121 LITIDRYLAHVAVFALKARTVTFGVVTSVITWVAVFASLPGLIIFTRSQEGELHYTCSS 180
DB 121 LITIDRYLAHVAVFALKARTVTFGVVTSVITWVAVFASLPGLIIFTRSQEGELHYTCSS 180
QY 181 HFPYSQYQFQKNTQTKIVILGLVPLVWVICYSGLITKLRCRNEKRRHRAVRLIFTI 240
DB 181 HFPYSQYQFQKNTQTKIVILGLVPLVWVICYSGLITKLRCRNEKRRHRAVRLIFTI 240
QY 241 MIYVFLFMAPYNYLVLLNTFOEFFGLNCCSSNRDLQAMQVTELTGTHCCINPIIYAFV 300
DB 241 MIYVFLFMAPYNYLVLLNTFOEFFGLNCCSSNRDLQAMQVTELTGTHCCINPIIYAFV 300
QY 301 GEKFRNYLVLFQKHIAKFCCKCSIFQOEAPERASSVYTRSTGEQEISVGL 352
DB 301 GEKFRNYLVLFQKHIAKFCCKCSIFQOEAPERASSVYTRSTGEQEISVGL 352

RESULT 10
US-10-290-058A-6
; Sequence 6, Application US/10290058A
; Publication No. US20030104455A1
; GENERAL INFORMATION:
; APPLICANT: Silos-Santiago, Immaculada
; TITLE OF INVENTION: Methods and Compositions for Treating
; TITLE OF INVENTION: Urological Disorders Using 313, 333, 5464, 18817 or 33524
; FILE REFERENCE: MP101-289P1KX
; CURRENT APPLICATION NUMBER: US/10/290,058A
; PRIOR FILING DATE: 2002-11-07
; PRIOR FILING DATE: 2001-11-07
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-290-058A-6

Query Match      100.0%; Score 1841; DB 14; Length 352;
Best Local Similarity 100.0%; Pred. No. 1.3e-140;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDQVSSPIVDINYYTSEPCQKINVKQIAARLLPPLYSLVIFGFGVNMVLILINCKR 60
DB 1 MDQVSSPIVDINYYTSEPCQKINVKQIAARLLPPLYSLVIFGFGVNMVLILINCKR 60
QY 61 LKSMTDIYLNLAIISDLFFLLTVPFMAHYAAQMDPGNTWCQLLTGLYFIFGFSGIFPFI 120
DB 61 LKSMTDIYLNLAIISDLFFLLTVPFMAHYAAQMDPGNTWCQLLTGLYFIFGFSGIFPFI 120
QY 121 LITIDRYLAHVAVFALKARTVTFGVVTSVITWVAVFASLPGLIIFTRSQEGELHYTCSS 180
DB 121 LITIDRYLAHVAVFALKARTVTFGVVTSVITWVAVFASLPGLIIFTRSQEGELHYTCSS 180

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Db      121 LITIDRYLAHVAVHAFALKAARTVFGVTSVITWVAFAFSLPGIIFTRSGKEGLHTYTCSS 180
Qy      181 HEPYSQYQFMKNPOTLKIVILGLVLPILVWVICSGSLIKTLKCRNEKRRHRAVRLIFTI 240
Db      181 HEPYSQYQFMKNPOTLKIVILGLVLPILVWVICSGSLIKTLKCRNEKRRHRAVRLIFTI 240
Qy      241 MIVVFLFWAPYNIYLLNTFOEFGLNCCSSNRDLDAQOVTELTGTHCCINPIIYAFV 300
Db      241 MIVVFLFWAPYNIYLLNTFOEFGLNCCSSNRDLDAQOVTELTGTHCCINPIIYAFV 300
Qy      301 GEKFRNYLVFQGHIAKRFCKCSIFQGEAPERASSVYTRSGEGLISVGL 352
Db      301 GEKFRNYLVFQGHIAKRFCKCSIFQGEAPERASSVYTRSGEGLISVGL 352

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RESULT 11
US-10-225-567A-352
; Sequence 352, Application US/10225567A
; Publication No. US20030113798A1
; GENERAL INFORMATION:
; APPLICANT: LifeSpan Biosciences
; APPLICANT: Brown, Joseph P.
; APPLICANT: Burner, Glena C.
; APPLICANT: Roush, Christine L.
; TITLE OF INVENTION: ANTIGENIC PEPTIDES AND ANTIBODIES FOR G PROTEIN-COUPLED RECEPTORS
; FILE REFERENCE: 1920-4-4
; CURRENT APPLICATION NUMBER: US/10/225,567A
; CURRENT FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 60/257,144
; NUMBER OF SEQ ID NOS: 2292
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 352
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-225-567A-352

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Query Match      100.0%; Score 1841; DB 14; Length 352;
Best Local Similarity 100.0%; Pred. No. 1,3e-140;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 MDYVSSPIYDINYYTSEPCQKINVKQIAARLLPPLYSLVFIQFVGNNMLVILILNCKR 60
Db      1 MDYVSSPIYDINYYTSEPCQKINVKQIAARLLPPLYSLVFIQFVGNNMLVILILNCKR 60
Qy      61 LKSMTDIYLLNLAIISDLFLLITVPEFMAHYAAQMDFGNTMCOULTGLYFIQFSGIIFPII 120
Db      61 LKSMTDIYLLNLAIISDLFLLITVPEFMAHYAAQMDFGNTMCOULTGLYFIQFSGIIFPII 120
Qy      121 LITIDRYLAHVAVHAFALKAARTVFGVTSVITWVAFAFSLPGIIFTRSGKEGLHTYTCSS 180
Db      121 LITIDRYLAHVAVHAFALKAARTVFGVTSVITWVAFAFSLPGIIFTRSGKEGLHTYTCSS 180
Qy      181 HEPYSQYQFMKNPOTLKIVILGLVLPILVWVICSGSLIKTLKCRNEKRRHRAVRLIFTI 240
Db      181 HEPYSQYQFMKNPOTLKIVILGLVLPILVWVICSGSLIKTLKCRNEKRRHRAVRLIFTI 240
Qy      241 MIVVFLFWAPYNIYLLNTFOEFGLNCCSSNRDLDAQOVTELTGTHCCINPIIYAFV 300
Db      241 MIVVFLFWAPYNIYLLNTFOEFGLNCCSSNRDLDAQOVTELTGTHCCINPIIYAFV 300
Qy      301 GEKFRNYLVFQGHIAKRFCKCSIFQGEAPERASSVYTRSGEGLISVGL 352
Db      301 GEKFRNYLVFQGHIAKRFCKCSIFQGEAPERASSVYTRSGEGLISVGL 352

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RESULT 12
US-10-323-314-1
; Sequence 1, Application US/10323314
; Publication No. US20030139571A1
; GENERAL INFORMATION:

```

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; APPLICANT: Dragic, Tatjana
; APPLICANT: Olson, William
; TITLE OF INVENTION: SULFATED CCR5 PEPTIDES FOR HIV-1 INFECTION
; FILE REFERENCE: 2048/61010-1/JPM/MAF/DJK
; CURRENT APPLICATION NUMBER: US/10/323,314
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 352
; TYPE: PRT
; ORGANISM: human
US-10-323-314-1

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Query Match      100.0%; Score 1841; DB 14; Length 352;
Best Local Similarity 100.0%; Pred. No. 1,3e-140;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 MDYVSSPIYDINYYTSEPCQKINVKQIAARLLPPLYSLVFIQFVGNNMLVILILNCKR 60
Db      1 MDYVSSPIYDINYYTSEPCQKINVKQIAARLLPPLYSLVFIQFVGNNMLVILILNCKR 60
Qy      61 LKSMTDIYLLNLAIISDLFLLITVPEFMAHYAAQMDFGNTMCOULTGLYFIQFSGIIFPII 120
Db      61 LKSMTDIYLLNLAIISDLFLLITVPEFMAHYAAQMDFGNTMCOULTGLYFIQFSGIIFPII 120
Qy      121 LITIDRYLAHVAVHAFALKAARTVFGVTSVITWVAFAFSLPGIIFTRSGKEGLHTYTCSS 180
Db      121 LITIDRYLAHVAVHAFALKAARTVFGVTSVITWVAFAFSLPGIIFTRSGKEGLHTYTCSS 180
Qy      181 HEPYSQYQFMKNPOTLKIVILGLVLPILVWVICSGSLIKTLKCRNEKRRHRAVRLIFTI 240
Db      181 HEPYSQYQFMKNPOTLKIVILGLVLPILVWVICSGSLIKTLKCRNEKRRHRAVRLIFTI 240
Qy      241 MIVVFLFWAPYNIYLLNTFOEFGLNCCSSNRDLDAQOVTELTGTHCCINPIIYAFV 300
Db      241 MIVVFLFWAPYNIYLLNTFOEFGLNCCSSNRDLDAQOVTELTGTHCCINPIIYAFV 300
Qy      301 GEKFRNYLVFQGHIAKRFCKCSIFQGEAPERASSVYTRSGEGLISVGL 352
Db      301 GEKFRNYLVFQGHIAKRFCKCSIFQGEAPERASSVYTRSGEGLISVGL 352

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RESULT 13
US-10-072-301-1
; Sequence 1, Application US/10072301
; Publication No. US20030152913A1
; GENERAL INFORMATION:
; APPLICANT: Hua, Shao-bing
; APPLICANT: Pauling, Michelle H.
; TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODY AGAINST CORECEPTORS FOR HUMAN IMMUNODEF
; FILE REFERENCE: 25636-718
; CURRENT APPLICATION NUMBER: US/10/072,301
; CURRENT FILING DATE: 2002-02-08
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-072-301-1

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Query Match      100.0%; Score 1841; DB 14; Length 352;
Best Local Similarity 100.0%; Pred. No. 1,3e-140;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 MDYVSSPIYDINYYTSEPCQKINVKQIAARLLPPLYSLVFIQFVGNNMLVILILNCKR 60
Db      1 MDYVSSPIYDINYYTSEPCQKINVKQIAARLLPPLYSLVFIQFVGNNMLVILILNCKR 60
Qy      61 LKSMTDIYLLNLAIISDLFLLITVPEFMAHYAAQMDFGNTMCOULTGLYFIQFSGIIFPII 120

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Db 61 LKSMTDIYLLNLAIISDLFFLLTVPFMAHYAAQMDPENTMCCOLLTGLYFPGFSGIFFTI 120
QY 121 LITIDRYLAHVAVHAFALKARTVTFGVVTSVITWVAVAFASLPGLIFRSQKESGHTYCSS 180
Db 121 LITIDRYLAHVAVHAFALKARTVTFGVVTSVITWVAVAFASLPGLIFRSQKESGHTYCSS 180
QY 181 HFPYSQYQFMKNFQTLKIVILGLVLPPLVWVICYSGLIKTLRCRNEKRRHRAVRLIFTI 240
Db 181 HFPYSQYQFMKNFQTLKIVILGLVLPPLVWVICYSGLIKTLRCRNEKRRHRAVRLIFTI 240
QY 241 MIVYFLFMAFAPNYIVLLNTFQEFGLNCCSSNRLDQAMQVETLGMTHCCINPIIYAFV 300
Db 241 MIVYFLFMAFAPNYIVLLNTFQEFGLNCCSSNRLDQAMQVETLGMTHCCINPIIYAFV 300
QY 301 GEKFRNYLVFQKHIAKRFCKCCSIFQEAPEPABASSVYTRSTGEQEISVGL 352
Db 301 GEKFRNYLVFQKHIAKRFCKCCSIFQEAPEPABASSVYTRSTGEQEISVGL 352

RESULT 14
US-10-071-866-1
; Sequence 1, Application US/10071866
; Publication No. US20030165988A1
; GENERAL INFORMATION:
; APPLICANT: Hua, Shao-bing
; APPLICANT: Pauling, Michelle H.
; APPLICANT: Zhu, Li
; TITLE OF INVENTION: HIGH THROUGHPUT GENERATION OF HUMAN MONOCLONAL ANTIBODY AGAINST F
; TITLE OF INVENTION: FRAGMENTS DERIVED FROM MEMBRANE PROTEINS
; FILE REFERENCE: 25636-717
; CURRENT APPLICATION NUMBER: US/10/071,866
; CURRENT FILING DATE: 2002-02-08
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 1
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-071-866-1

Query Match 100.0%; Score 1841; DB 14; Length 352;
Best Local Similarity 100.0%; Pred. No. 1.3e-140;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MDYOVSSPIYDINVTSEPCQKINVKQIARLLPPLYSLVIFFGVGMVLVILLINCKR 60
Db 1 MDYOVSSPIYDINVTSEPCQKINVKQIARLLPPLYSLVIFFGVGMVLVILLINCKR 60
QY 61 LKSMTDIYLLNLAIISDLFFLLTVPFMAHYAAQMDPENTMCCOLLTGLYFPGFSGIFFTI 120
Db 61 LKSMTDIYLLNLAIISDLFFLLTVPFMAHYAAQMDPENTMCCOLLTGLYFPGFSGIFFTI 120
QY 121 LITIDRYLAHVAVHAFALKARTVTFGVVTSVITWVAVAFASLPGLIFRSQKESGHTYCSS 180
Db 121 LITIDRYLAHVAVHAFALKARTVTFGVVTSVITWVAVAFASLPGLIFRSQKESGHTYCSS 180
QY 181 HFPYSQYQFMKNFQTLKIVILGLVLPPLVWVICYSGLIKTLRCRNEKRRHRAVRLIFTI 240
Db 181 HFPYSQYQFMKNFQTLKIVILGLVLPPLVWVICYSGLIKTLRCRNEKRRHRAVRLIFTI 240
QY 241 MIVYFLFMAFAPNYIVLLNTFQEFGLNCCSSNRLDQAMQVETLGMTHCCINPIIYAFV 300
Db 241 MIVYFLFMAFAPNYIVLLNTFQEFGLNCCSSNRLDQAMQVETLGMTHCCINPIIYAFV 300
QY 301 GEKFRNYLVFQKHIAKRFCKCCSIFQEAPEPABASSVYTRSTGEQEISVGL 352
Db 301 GEKFRNYLVFQKHIAKRFCKCCSIFQEAPEPABASSVYTRSTGEQEISVGL 352

RESULT 15
US-10-239-423-67
; Sequence 67, Application US/10239423

; Publication No. US20030186892A1
; GENERAL INFORMATION:
; APPLICANT: FORSMANN, Wolf-Georg; FORSMANN, Ulf; ADERMAN, Knut;
; APPLICANT: HEITMANN, Aleksandra; SPODSBERG, Nikolaj
; TITLE OF INVENTION: Diagnostic Agent and Medicament for Examining the
; TITLE OF INVENTION: Cell Surface Proteome of Tumor and Inflammation Cells and
; TITLE OF INVENTION: for Treating Tumor Diseases and Inflammatory Diseases,
; TITLE OF INVENTION: Preferably with the Aid of Specific Chemokine
; FILE REFERENCE: 022217us
; CURRENT APPLICATION NUMBER: US/10/239,423
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: DE10016013.1
; PRIOR FILING DATE: 2000-03-31
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 67
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Amino Acid Sequence for the Generation of Antibodies
US-10-239-423-67

Query Match 100.0%; Score 1841; DB 14; Length 352;
Best Local Similarity 100.0%; Pred. No. 1.3e-140;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MDYOVSSPIYDINVTSEPCQKINVKQIARLLPPLYSLVIFFGVGMVLVILLINCKR 60
Db 1 MDYOVSSPIYDINVTSEPCQKINVKQIARLLPPLYSLVIFFGVGMVLVILLINCKR 60
QY 61 LKSMTDIYLLNLAIISDLFFLLTVPFMAHYAAQMDPENTMCCOLLTGLYFPGFSGIFFTI 120
Db 61 LKSMTDIYLLNLAIISDLFFLLTVPFMAHYAAQMDPENTMCCOLLTGLYFPGFSGIFFTI 120
QY 121 LITIDRYLAHVAVHAFALKARTVTFGVVTSVITWVAVAFASLPGLIFRSQKESGHTYCSS 180
Db 121 LITIDRYLAHVAVHAFALKARTVTFGVVTSVITWVAVAFASLPGLIFRSQKESGHTYCSS 180
QY 181 HFPYSQYQFMKNFQTLKIVILGLVLPPLVWVICYSGLIKTLRCRNEKRRHRAVRLIFTI 240
Db 181 HFPYSQYQFMKNFQTLKIVILGLVLPPLVWVICYSGLIKTLRCRNEKRRHRAVRLIFTI 240
QY 241 MIVYFLFMAFAPNYIVLLNTFQEFGLNCCSSNRLDQAMQVETLGMTHCCINPIIYAFV 300
Db 241 MIVYFLFMAFAPNYIVLLNTFQEFGLNCCSSNRLDQAMQVETLGMTHCCINPIIYAFV 300
QY 301 GEKFRNYLVFQKHIAKRFCKCCSIFQEAPEPABASSVYTRSTGEQEISVGL 352
Db 301 GEKFRNYLVFQKHIAKRFCKCCSIFQEAPEPABASSVYTRSTGEQEISVGL 352

Search completed: April 12, 2004, 16:04:15
Job time : 49 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: April 12, 2004, 14:57:30 / Search time 23 Seconds

(without alignments)
790.102 Million cell updates/sec

Title: US-09-939-226B-5

Perfect score: 1841
Sequence: 1 MDYQVSSPIYDINVTSEPC.....ERASSVTSTGEQELISVGL 352

Scoring table: BLOSUM62
Gapop 10.0, Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA:
1: /cgn2_6/ptodata/2/1aa/5A.COMB.pep:*
2: /cgn2_6/ptodata/2/1aa/5B.COMB.pep:*
3: /cgn2_6/ptodata/2/1aa/6A.COMB.pep:*
4: /cgn2_6/ptodata/2/1aa/6B.COMB.pep:*
5: /cgn2_6/ptodata/2/1aa/PTUS.COMB.pep:*
6: /cgn2_6/ptodata/2/1aa/backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1841	100.0	352	3	US-09-087-232A-13 Sequence 13, Appl
2	1841	100.0	352	3	US-08-861-105-14 Sequence 14, Appl
3	1841	100.0	352	3	US-08-575-967A-2 Sequence 2, Appl
4	1841	100.0	352	4	US-08-833-752-5 Sequence 5, Appl
5	1841	100.0	352	4	US-09-796-202-1 Sequence 1, Appl
6	1835	99.7	352	4	US-09-045-583-52 Sequence 52, Appl
7	1835	99.7	352	4	US-09-534-185-52 Sequence 52, Appl
8	1833	99.6	352	4	US-09-502-783A-2 Sequence 2, Appl
9	1826	99.2	352	3	US-08-466-343D-2 Sequence 2, Appl
10	1814	98.5	352	4	US-09-517-605-5 Sequence 5, Appl
11	1846	84.0	354	4	US-08-724-984A-2 Sequence 2, Appl
12	1865	74.1	360	4	US-09-131-827A-20 Sequence 20, Appl
13	1864	74.1	347	1	US-08-461-244-3 Sequence 3, Appl
14	1864	74.1	360	1	US-08-450-393A-4 Sequence 4, Appl
15	1864	74.1	360	3	US-08-446-668-4 Sequence 4, Appl
16	1864	74.1	360	3	US-09-045-583-50 Sequence 50, Appl
17	1864	74.1	360	4	US-09-534-185-50 Sequence 50, Appl
18	1864	74.1	360	5	US-09-131-827A-2 Sequence 2, Appl
19	1864	74.1	360	5	PCT-US95-00476-4 Sequence 4, Appl
20	1350	73.3	360	4	US-08-833-752-7 Sequence 7, Appl
21	1345	73.1	360	3	US-09-045-583-51 Sequence 51, Appl
22	1345	73.1	360	4	US-09-534-185-51 Sequence 51, Appl
23	1224	66.5	344	3	US-08-466-343D-9 Sequence 9, Appl
24	1224	66.5	374	1	US-08-450-393A-2 Sequence 2, Appl
25	1224	66.5	374	5	US-08-446-668-2 Sequence 2, Appl
26	1224	66.5	374	5	PCT-US95-00476-2 Sequence 2, Appl
27	1138.5	61.8	329	4	US-09-502-783A-9 Sequence 9, Appl

28	1055	57.3	355	1	US-08-012-988A-2 Sequence 2, Appl
29	1055	57.3	355	1	US-08-450-393A-5 Sequence 5, Appl
30	1055	57.3	355	3	US-08-446-668-5 Sequence 5, Appl
31	1055	57.3	355	4	US-09-239-938-1 Sequence 1, Appl
32	1055	57.3	355	4	US-09-886-319A-14 Sequence 14, Appl
33	1055	57.3	355	5	PCT-US95-00476-5 Sequence 5, Appl
34	1028	55.8	355	4	US-08-833-752-9 Sequence 9, Appl
35	1009	54.8	355	3	US-09-045-583-53 Sequence 53, Appl
36	1009	54.8	355	4	US-09-534-185-53 Sequence 53, Appl
37	1004.5	54.6	355	4	US-08-866-319A-13 Sequence 13, Appl
38	958	52.0	184	4	US-08-833-752-4 Sequence 4, Appl
39	958	52.0	215	3	US-09-087-232A-17 Sequence 17, Appl
40	958	52.0	215	4	US-08-833-752-6 Sequence 6, Appl
41	942.5	51.2	355	4	US-08-720-565-2 Sequence 2, Appl
42	938.5	51.0	355	3	US-08-575-967A-4 Sequence 4, Appl
43	938.5	51.0	355	3	US-08-847-296B-1 Sequence 1, Appl
44	938.5	51.0	355	3	US-09-045-583-54 Sequence 54, Appl
45	938.5	51.0	355	4	US-09-534-185-54 Sequence 54, Appl

ALIGNMENTS

RESULT 1
US-09-087-232A-13
Sequence 13, Application US/09087232A
Patent No. 6153431
GENERAL INFORMATION:
APPLICANT: Quilient et al.
TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS CO-RECEPTOR
NUMBER OF INVENTION: VARIANTS ASSOCIATED WITH RESISTANCE TO VIRUS INFECTION.
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSES: Baker & Botts, L.L.P. attn. Lisa Kole
STREET: 30 Rockefeller Plaza
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10112
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/087,232A
FILING DATE: 28 MAY 1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/048,057
FILING DATE: 30 MAY 1997
ATTORNEY/AGENT INFORMATION:
NAME: KOLE, LISA B.
REGISTRATION NUMBER: 35,225
REFERENCE/DOCKET NUMBER: AP 31115
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 408-2628
TELEFAX: (212) 765-2519
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 352 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-087-232A-13

Query Match 100.0%; Score 1841; DB 3; Length 352;
Best Local Similarity 100.0%; Pred No. 6.1e-144;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MDYQVSSPIYDINVTSEPCOKINVAARLLPPLYSVIFGFGVNNLVILLINCKR 60
DB 1 MDYQVSSPIYDINVTSEPCOKINVAARLLPPLYSVIFGFGVNNLVILLINCKR 60


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QY 61 LKSMTDIYLNLAIISDLFLLITVPFMAHYAAQMDFGNTMCCOLLTGLYFIQFSGIFFTI 120
DB 61 LKSMTDIYLNLAIISDLFLLITVPFMAHYAAQMDFGNTMCCOLLTGLYFIQFSGIFFTI 120
QY 121 LITIDRYLAHVAVFALKARTVTFGVTSYITWVAVFAASLPGLIIFTRSQKGLHYTCSS 180
DB 121 LITIDRYLAHVAVFALKARTVTFGVTSYITWVAVFAASLPGLIIFTRSQKGLHYTCSS 180
QY 181 HFPYSQYQFWKNTQTLKIVLGLVPLVWVICYSGLIKTLRCRNEKGRHRAVRLIFTI 240
DB 181 HFPYSQYQFWKNTQTLKIVLGLVPLVWVICYSGLIKTLRCRNEKGRHRAVRLIFTI 240
QY 241 MIYVFLFMAPIYIVLLNTFOEFGNLCSSNRDLQAMQVETLGMTGCCINPIIYAFV 300
DB 241 MIYVFLFMAPIYIVLLNTFOEFGNLCSSNRDLQAMQVETLGMTGCCINPIIYAFV 300
QY 301 GEKFRNYLVFQKHIAKRFCKCISIFQCAPERASSVYTRSTGEQISVGL 352
DB 301 GEKFRNYLVFQKHIAKRFCKCISIFQCAPERASSVYTRSTGEQISVGL 352

```

RESULT 2

US-08-861-105-14
Sequence 14, Application US/08861105
Patent No. 6258527

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GENERAL INFORMATION:
APPLICANT: LITTMAN, DAN R.
APPLICANT: DENG, HONGKUI
APPLICANT: ELMER, WILFRIED
APPLICANT: LANDAU, NATHANIEL R.
APPLICANT: LIU, RONG
TITLE OF INVENTION: G-COUPLED RECEPTORS ASSOCIATED WITH
TITLE OF INVENTION: MACROPHAGE-TROPIC HIV, AND DIAGNOSTIC AND THERAPEUTIC
TITLE OF INVENTION: USES THEREOF
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESSES:
ADDRESS: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
STREET: Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/861,105
FILING DATE:
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/666,020
FILING DATE: 19-JUN-1996
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,319
FILING DATE: 13-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 1049-1-004 N1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 352 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear

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MOLECULE TYPE: protein
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-861-105-14

Query Match 100.0%; Score 1841; DB 3; Length 352;
Best Local Similarity 100.0%; Pred. No. 6,1e-144;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 MDVQSSPIVDINVTSEPOKINVKQIARLPLVLSLVFIQFVGNMVLILNCKR 60
DB 1 MDVQSSPIVDINVTSEPOKINVKQIARLPLVLSLVFIQFVGNMVLILNCKR 60
QY 61 LKSMTDIYLNLAIISDLFLLITVPFMAHYAAQMDFGNTMCCOLLTGLYFIQFSGIFFTI 120
DB 61 LKSMTDIYLNLAIISDLFLLITVPFMAHYAAQMDFGNTMCCOLLTGLYFIQFSGIFFTI 120
QY 121 LITIDRYLAHVAVFALKARTVTFGVTSYITWVAVFAASLPGLIIFTRSQKGLHYTCSS 180
DB 121 LITIDRYLAHVAVFALKARTVTFGVTSYITWVAVFAASLPGLIIFTRSQKGLHYTCSS 180
QY 181 HFPYSQYQFWKNTQTLKIVLGLVPLVWVICYSGLIKTLRCRNEKGRHRAVRLIFTI 240
DB 181 HFPYSQYQFWKNTQTLKIVLGLVPLVWVICYSGLIKTLRCRNEKGRHRAVRLIFTI 240
QY 241 MIYVFLFMAPIYIVLLNTFOEFGNLCSSNRDLQAMQVETLGMTGCCINPIIYAFV 300
DB 241 MIYVFLFMAPIYIVLLNTFOEFGNLCSSNRDLQAMQVETLGMTGCCINPIIYAFV 300
QY 301 GEKFRNYLVFQKHIAKRFCKCISIFQCAPERASSVYTRSTGEQISVGL 352
DB 301 GEKFRNYLVFQKHIAKRFCKCISIFQCAPERASSVYTRSTGEQISVGL 352

```

RESULT 3

US-08-575-967A-2
Sequence 2, Application US/08575967A
Patent No. 6265184

```

GENERAL INFORMATION:
APPLICANT: Gray et al.
TITLE OF INVENTION: Chemokine Receptor Materials and Methods
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESSES:
ADDRESS: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 S. Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/575,967A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: No. 6265184and, Greta B.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 32918
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-485-1662
TELEFAX: 206-485-1662
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 352 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:

```

NAME/KEY: misc feature
OTHER INFORMATION: /= "86c amino acid sequence"
US-08-575-967A-2

Query Match 100.0%; Score 1841; DB 3; Length 352;
Best Local Similarity 100.0%; Pred. No. 6,1e-144;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDVQSSPIYDINYYTSEPCQKINVKQIAARLLPPLYSLVFIIFGVGNMVLILINCKR 60
DB 1 MDVQSSPIYDINYYTSEPCQKINVKQIAARLLPPLYSLVFIIFGVGNMVLILINCKR 60
QY 61 LKSMTDIYLNLAIISDLFFLLTVPFMAHYAAQMDFGNTMCOILLTGLYIFGFSGIFPII 120
DB 61 LKSMTDIYLNLAIISDLFFLLTVPFMAHYAAQMDFGNTMCOILLTGLYIFGFSGIFPII 120
QY 121 LITIDRYLAHVAVFAKARTVFGVTSVITWVAVFAASIPGIIIFRSQKRGHAYTCS 180
DB 121 LITIDRYLAHVAVFAKARTVFGVTSVITWVAVFAASIPGIIIFRSQKRGHAYTCS 180
QY 181 HEPYSQYQFMKNFQTLKIVILGLVPLVWVICYSGLIKTLRCRNEKGRHRAVRLIFTI 240
DB 181 HEPYSQYQFMKNFQTLKIVILGLVPLVWVICYSGLIKTLRCRNEKGRHRAVRLIFTI 240
QY 241 MIVYFLFMAPYNIYLLNTFQEFGLNCCSSNRLDQAMQVTELTGMTHCCINPIIYAFV 300
DB 241 MIVYFLFMAPYNIYLLNTFQEFGLNCCSSNRLDQAMQVTELTGMTHCCINPIIYAFV 300
QY 301 GEKFRNYLLVFQKHIAKRFCKCSIFQEAPEPASA SVYTRSTGEDEISVGL 352
DB 301 GEKFRNYLLVFQKHIAKRFCKCSIFQEAPEPASA SVYTRSTGEDEISVGL 352

RESULT 4
US-08-833-752-5
Sequence 5, Application US/08833752
Patent No. 6448375

GENERAL INFORMATION:
APPLICANT: SAMSON, MICHEL
APPLICANT: PARMENTIER, MARC
APPLICANT: VASSART, GILBERT
APPLICANT: LIBERT, FREDERICK
TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
TITLE OF INVENTION: AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSER: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: CA
COUNTRY: U.S.A.
ZIP: 92660

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patent in Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/833,752
FILING DATE: 9-APR-1997
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel B
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER:
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 352 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-833-752-5

Query Match 100.0%; Score 1841; DB 4; Length 352;
Best Local Similarity 100.0%; Pred. No. 6,1e-144;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDVQSSPIYDINYYTSEPCQKINVKQIAARLLPPLYSLVFIIFGVGNMVLILINCKR 60
DB 1 MDVQSSPIYDINYYTSEPCQKINVKQIAARLLPPLYSLVFIIFGVGNMVLILINCKR 60
QY 61 LKSMTDIYLNLAIISDLFFLLTVPFMAHYAAQMDFGNTMCOILLTGLYIFGFSGIFPII 120
DB 61 LKSMTDIYLNLAIISDLFFLLTVPFMAHYAAQMDFGNTMCOILLTGLYIFGFSGIFPII 120
QY 121 LITIDRYLAHVAVFAKARTVFGVTSVITWVAVFAASIPGIIIFRSQKRGHAYTCS 180
DB 121 LITIDRYLAHVAVFAKARTVFGVTSVITWVAVFAASIPGIIIFRSQKRGHAYTCS 180
QY 181 HEPYSQYQFMKNFQTLKIVILGLVPLVWVICYSGLIKTLRCRNEKGRHRAVRLIFTI 240
DB 181 HEPYSQYQFMKNFQTLKIVILGLVPLVWVICYSGLIKTLRCRNEKGRHRAVRLIFTI 240
QY 241 MIVYFLFMAPYNIYLLNTFQEFGLNCCSSNRLDQAMQVTELTGMTHCCINPIIYAFV 300
DB 241 MIVYFLFMAPYNIYLLNTFQEFGLNCCSSNRLDQAMQVTELTGMTHCCINPIIYAFV 300
QY 301 GEKFRNYLLVFQKHIAKRFCKCSIFQEAPEPASA SVYTRSTGEDEISVGL 352
DB 301 GEKFRNYLLVFQKHIAKRFCKCSIFQEAPEPASA SVYTRSTGEDEISVGL 352

RESULT 5
US-09-796-202-1
Sequence 1, Application US/09796202
Patent No. 6548636

GENERAL INFORMATION:
APPLICANT: Dragic, Tatjana
APPLICANT: Olson, William
TITLE OF INVENTION: SUBUNITED CCR5 PEPTIDES FOR HIV-1 INFECTION
FILE REFERENCE: 2048/61010/JPM/SHS
CURRENT FILING DATE: 2001-02-28
CURRENT FILING DATE: 2001-02-28
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patent in version 3.0
SEQ ID NO 1
LENGTH: 352
TYPE: PRT
ORGANISM: human
US-09-796-202-1

Query Match 100.0%; Score 1841; DB 4; Length 352;
Best Local Similarity 100.0%; Pred. No. 6,1e-144;
Matches 352; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDVQSSPIYDINYYTSEPCQKINVKQIAARLLPPLYSLVFIIFGVGNMVLILINCKR 60
DB 1 MDVQSSPIYDINYYTSEPCQKINVKQIAARLLPPLYSLVFIIFGVGNMVLILINCKR 60
QY 61 LKSMTDIYLNLAIISDLFFLLTVPFMAHYAAQMDFGNTMCOILLTGLYIFGFSGIFPII 120
DB 61 LKSMTDIYLNLAIISDLFFLLTVPFMAHYAAQMDFGNTMCOILLTGLYIFGFSGIFPII 120
QY 121 LITIDRYLAHVAVFAKARTVFGVTSVITWVAVFAASIPGIIIFRSQKRGHAYTCS 180
DB 121 LITIDRYLAHVAVFAKARTVFGVTSVITWVAVFAASIPGIIIFRSQKRGHAYTCS 180
QY 181 HEPYSQYQFMKNFQTLKIVILGLVPLVWVICYSGLIKTLRCRNEKGRHRAVRLIFTI 240
DB 181 HEPYSQYQFMKNFQTLKIVILGLVPLVWVICYSGLIKTLRCRNEKGRHRAVRLIFTI 240
QY 241 MIVYFLFMAPYNIYLLNTFQEFGLNCCSSNRLDQAMQVTELTGMTHCCINPIIYAFV 300
DB 241 MIVYFLFMAPYNIYLLNTFQEFGLNCCSSNRLDQAMQVTELTGMTHCCINPIIYAFV 300
QY 301 GEKFRNYLLVFQKHIAKRFCKCSIFQEAPEPASA SVYTRSTGEDEISVGL 352
DB 301 GEKFRNYLLVFQKHIAKRFCKCSIFQEAPEPASA SVYTRSTGEDEISVGL 352

DB 301 GKKRNVLLVFQKHIAKRFCKCSIFQOAPERASSVYTRSTGEQISVGL 352

RESULT 6
US-09-045-583-52
Sequence 52, Application US/09045583
Patent No. 6287805
GENERAL INFORMATION:
APPLICANT: Graham, Gerard J. et al.
TITLE OF INVENTION: No. 6287805el Molecules of the G Protein-Coupled
NUMBER OF SEQUENCES: 56
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/045,583
FILING DATE: 20-MAR-98
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Mandragoras, Amy E.
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MNI-044
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 352 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
US-09-045-583-52

Query Match 99.7%; Score 1835; DB 3; Length 352;
Best Local Similarity 99.4%; Pred. No. 1.9e-143;
Matches 350; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
DB 1 MDYOVSSPIYDINNYTSEPCOKINVKOIAARLLPPLSVLTFEGVGMVLVILLINCKR 60
1 MDYOVSSPIYDIDYTTSEPCOKINVKOIAARLLPPLSVLTFEGVGMVLVILLINCKR 60
DB 61 LKSMTDIYLNLAISDLFFLLTVPFMAHYAAQWFGNTMQLTGLYIFGFSGIFPII 120
61 LKSMTDIYLNLAISDLFFLLTVPFMAHYAAQWFGNTMQLTGLYIFGFSGIFPII 120
DB 61 LKSMTDIYLNLAISDLFFLLTVPFMAHYAAQWFGNTMQLTGLYIFGFSGIFPII 120
61 LKSMTDIYLNLAISDLFFLLTVPFMAHYAAQWFGNTMQLTGLYIFGFSGIFPII 120
DB 121 LITIDRYLAHVHAFALAKARTVTGCVTSVITWVAVAFASLPGIIFTRSQEGLAHYTSS 180
121 LITIDRYLAHVHAFALAKARTVTGCVTSVITWVAVAFASLPGIIFTRSQEGLAHYTSS 180
DB 121 LITIDRYLAHVHAFALAKARTVTGCVTSVITWVAVAFASLPGIIFTRSQEGLAHYTSS 180
121 LITIDRYLAHVHAFALAKARTVTGCVTSVITWVAVAFASLPGIIFTRSQEGLAHYTSS 180
DB 181 HFPYQOYQWKNQFQTLKIVILGLVPLVWVICYSGILKTLIRCNKKRRAVRLFTI 240
181 HFPYQOYQWKNQFQTLKIVILGLVPLVWVICYSGILKTLIRCNKKRRAVRLFTI 240
DB 181 HFPYQOYQWKNQFQTLKIVILGLVPLVWVICYSGILKTLIRCNKKRRAVRLFTI 240
181 HFPYQOYQWKNQFQTLKIVILGLVPLVWVICYSGILKTLIRCNKKRRAVRLFTI 240
DB 241 MIVYFLFAPNYIVILLNTFQEFGLNCCSSNRLDQAMQVETLGMTHCCINPIIYAFV 300
241 MIVYFLFAPNYIVILLNTFQEFGLNCCSSNRLDQAMQVETLGMTHCCINPIIYAFV 300
DB 241 MIVYFLFAPNYIVILLNTFQEFGLNCCSSNRLDQAMQVETLGMTHCCINPIIYAFV 300
241 MIVYFLFAPNYIVILLNTFQEFGLNCCSSNRLDQAMQVETLGMTHCCINPIIYAFV 300
DB 301 GKKRNVLLVFQKHIAKRFCKCSIFQOAPERASSVYTRSTGEQISVGL 352

DB 301 GKKRNVLLVFQKHIAKRFCKCSIFQOAPERASSVYTRSTGEQISVGL 352

RESULT 7
US-09-534-185-52
Sequence 52, Application US/09534185
Patent No. 6403767
GENERAL INFORMATION:
APPLICANT: Graham, Gerard J. et al.
TITLE OF INVENTION: No. 6403767el Molecules of the G Protein-Coupled
Heptahelical Receptor Superfamily and Uses
Therefor
NUMBER OF SEQUENCES: 56
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/534,185
FILING DATE: 24-Mar-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/045,583
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Mandragoras, Amy E.
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MNI-044
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 352 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
SEQUENCE DESCRIPTION: SEQ ID NO: 52:
US-09-534-185-52

Query Match 99.7%; Score 1835; DB 4; Length 352;
Best Local Similarity 99.4%; Pred. No. 1.9e-143;
Matches 350; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
DB 1 MDYOVSSPIYDINNYTSEPCOKINVKOIAARLLPPLSVLTFEGVGMVLVILLINCKR 60
1 MDYOVSSPIYDIDYTTSEPCOKINVKOIAARLLPPLSVLTFEGVGMVLVILLINCKR 60
DB 61 LKSMTDIYLNLAISDLFFLLTVPFMAHYAAQWFGNTMQLTGLYIFGFSGIFPII 120
61 LKSMTDIYLNLAISDLFFLLTVPFMAHYAAQWFGNTMQLTGLYIFGFSGIFPII 120
DB 61 LKSMTDIYLNLAISDLFFLLTVPFMAHYAAQWFGNTMQLTGLYIFGFSGIFPII 120
61 LKSMTDIYLNLAISDLFFLLTVPFMAHYAAQWFGNTMQLTGLYIFGFSGIFPII 120
DB 121 LITIDRYLAHVHAFALAKARTVTGCVTSVITWVAVAFASLPGIIFTRSQEGLAHYTSS 180
121 LITIDRYLAHVHAFALAKARTVTGCVTSVITWVAVAFASLPGIIFTRSQEGLAHYTSS 180
DB 121 LITIDRYLAHVHAFALAKARTVTGCVTSVITWVAVAFASLPGIIFTRSQEGLAHYTSS 180
121 LITIDRYLAHVHAFALAKARTVTGCVTSVITWVAVAFASLPGIIFTRSQEGLAHYTSS 180
DB 181 HFPYQOYQWKNQFQTLKIVILGLVPLVWVICYSGILKTLIRCNKKRRAVRLFTI 240
181 HFPYQOYQWKNQFQTLKIVILGLVPLVWVICYSGILKTLIRCNKKRRAVRLFTI 240
DB 181 HFPYQOYQWKNQFQTLKIVILGLVPLVWVICYSGILKTLIRCNKKRRAVRLFTI 240
181 HFPYQOYQWKNQFQTLKIVILGLVPLVWVICYSGILKTLIRCNKKRRAVRLFTI 240
DB 241 MIVYFLFAPNYIVILLNTFQEFGLNCCSSNRLDQAMQVETLGMTHCCINPIIYAFV 300
241 MIVYFLFAPNYIVILLNTFQEFGLNCCSSNRLDQAMQVETLGMTHCCINPIIYAFV 300
DB 241 MIVYFLFAPNYIVILLNTFQEFGLNCCSSNRLDQAMQVETLGMTHCCINPIIYAFV 300
241 MIVYFLFAPNYIVILLNTFQEFGLNCCSSNRLDQAMQVETLGMTHCCINPIIYAFV 300

QY 301 GEFKNYLLVFFQKHAKRPFCKCCSIPOEAPERASSVYTRSTGGEISVGL 352
 Db 301 GEFKNYLLVFFQKHAKRPFCKCCSIPOEAPERASSVYTRSTGGEISVGL 352

RESULT 8
 US-09-502-783A-2
 Sequence 2, Application US/09502783A
 Patent No. 6511826
 GENERAL INFORMATION:

APPLICANT: Li, Yi
 APPLICANT: Ruben, Steven M.
 TITLE OF INVENTION: Polynucleotides Encoding Human G-Protein Chemokine Receptor (CGR5)
 FILE REFERENCE: 1488.1150006
 CURRENT APPLICATION NUMBER: US/09/502,783A
 PRIOR FILING DATE: 2001-08-23
 PRIOR APPLICATION NUMBER: 08/466,343
 NUMBER OF SEQ ID NOS: 9
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 2
 LENGTH: 352
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-502-783A-2

Query Match 99.6%; Score 1833; DB 4; Length 352;
 Best Local Similarity 99.7%; Pred. No. 2, 8e-143;
 Matches 351; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MDYVSSPIYDINYYTSEPCOKINVKQIAARLLPPLYSLVIFGFGVGNMVLILLINCKR 60
 Db 1 MDYVSSPIYDINYYTSEPCOKINVKQIAARLLPPLYSLVIFGFGVGNMVLILLINCKR 60
 QY 61 LKSMTDIYLNLAISDFFLLTPFMAHYAAQMDPNTMCOQLTGLYFIFGFSGIFFTI 120
 Db 61 LKSMTDIYLNLAISDFFLLTPFMAHYAAQMDPNTMCOQLTGLYFIFGFSGIFFTI 120
 QY 121 LITIRYLAIVAAVAFALKAARTVTFGVTSVITWVAVAFASLPGIIFTRSQEGLHYTCSS 180
 Db 121 LITIRYLAIVAAVAFALKAARTVTFGVTSVITWVAVAFASLPGIIFTRSQEGLHYTCSS 180
 QY 181 HEPYSQYQFWKNGFQTLKIVILGLVPLLMWVCYSGILKTLRCNEKRRHRAVRLFTI 240
 Db 181 HEPYSQYQFWKNGFQTLKIVILGLVPLLMWVCYSGILKTLRCNEKRRHRAVRLFTI 240
 QY 241 MIVYFLFMAPYNIYLLNTFOEFGLNCCSSNRLDQAMQVTELTGMTHCCINPIIYAFV 300
 Db 241 MIVYFLFMAPYNIYLLNTFOEFGLNCCSSNRLDQAMQVTELTGMTHCCINPIIYAFV 300
 QY 301 GEFKNYLLVFFQKHAKRPFCKCCSIPOEAPERASSVYTRSTGGEISVGL 352
 Db 301 GEFKNYLLVFFQKHAKRPFCKCCSIPOEAPERASSVYTRSTGGEISVGL 352

RESULT 9
 US-08-466-343D-2
 Sequence 2, Application US/08466343D
 Patent No. 6025154
 GENERAL INFORMATION:
 APPLICANT: Li, Yi
 TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING HUMAN G-PROTEIN
 RECEPTOR (CGR5)
 FILE REFERENCE: 1049-1-017
 CURRENT APPLICATION NUMBER: US/09/517,605
 PRIOR FILING DATE: 2000-03-02
 NUMBER OF SEQ ID NOS: 17
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 5
 LENGTH: 352
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-517-605-5

MEDIUM TYPE: floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/466,343D
 FILING DATE: 06-JUN-1995
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: STEFFE, ERIC K.
 REGISTRATION NUMBER: 36,688
 REFERENCE/DOCKET NUMBER: 1488.1150000/EXS/KLM
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 371-2600
 TELEFAX: (202) 371-2540
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 352 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-466-343D-2

Query Match 99.2%; Score 1826; DB 3; Length 352;
 Best Local Similarity 98.9%; Pred. No. 1e-142;
 Matches 348; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1 MDYVSSPIYDINYYTSEPCOKINVKQIAARLLPPLYSLVIFGFGVGNMVLILLINCKR 60
 Db 1 MDYVSSPIYDINYYTSEPCOKINVKQIAARLLPPLYSLVIFGFGVGNMVLILLINCKR 60
 QY 61 LKSMTDIYLNLAISDFFLLTPFMAHYAAQMDPNTMCOQLTGLYFIFGFSGIFFTI 120
 Db 61 LKSMTDIYLNLAISDFFLLTPFMAHYAAQMDPNTMCOQLTGLYFIFGFSGIFFTI 120
 QY 121 LITIRYLAIVAAVAFALKAARTVTFGVTSVITWVAVAFASLPGIIFTRSQEGLHYTCSS 180
 Db 121 LITIRYLAIVAAVAFALKAARTVTFGVTSVITWVAVAFASLPGIIFTRSQEGLHYTCSS 180
 QY 181 HEPYSQYQFWKNGFQTLKIVILGLVPLLMWVCYSGILKTLRCNEKRRHRAVRLFTI 240
 Db 181 HEPYSQYQFWKNGFQTLKIVILGLVPLLMWVCYSGILKTLRCNEKRRHRAVRLFTI 240
 QY 241 MIVYFLFMAPYNIYLLNTFOEFGLNCCSSNRLDQAMQVTELTGMTHCCINPIIYAFV 300
 Db 241 MIVYFLFMAPYNIYLLNTFOEFGLNCCSSNRLDQAMQVTELTGMTHCCINPIIYAFV 300
 QY 301 GEFKNYLLVFFQKHAKRPFCKCCSIPOEAPERASSVYTRSTGGEISVGL 352
 Db 301 GEFKNYLLVFFQKHAKRPFCKCCSIPOEAPERASSVYTRSTGGEISVGL 352

RESULT 10
 US-09-517-605-5
 Sequence 5, Application US/09517605
 Patent No. 6391567
 GENERAL INFORMATION:
 APPLICANT: Lattman, Dan R.
 APPLICANT: Kwon, Douglas S.
 APPLICANT: van Kooyk, Yvette
 TITLE OF INVENTION: METHODS OF USING A FACILITATOR OF RETROVIRAL ENTRY INTO
 CELLS
 FILE REFERENCE: 1049-1-017
 CURRENT APPLICATION NUMBER: US/09/517,605
 PRIOR FILING DATE: 2000-03-02
 NUMBER OF SEQ ID NOS: 17
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 5
 LENGTH: 352
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-517-605-5

Query Match 98.5%; Score 1814; DB 4; Length 352;
 Best Local Similarity 98.3%; Pred. No. 1e-141;
 Matches 346; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1 MDYQSSPTIYINNTSPPCKINVKQIAARLLPPLYSLVIFGFGNMVILINCKR 60
 DB 1 MDYQSSPTIYIDYDTSPPCKINVKQIAARLLPPLYSLVIFGFGNMVILINCKR 60
 QY 61 LKSMIDYILNLAIISDLFFLLTVPMAHYAAOMDFGNTMQLTGLYFIFGFGSIFFI 120
 DB 61 LKSMIDYILNLAIISDLFFLLTVPMAHYAAOMDFGNTMQLTGLYFIFGFGSIFFI 120
 QY 121 LLTIDRYLAHVAVPALKARTVTEGVTSVITWVAVAPSLPGIIFTRSQEGJHYTCS 180
 DB 121 LLTIDRYLAHVAVPALKARTVTEGVTSVITWVAVAPSLPGIIFTRSQEGJHYTCS 180
 QY 181 HEPYSQYQFMKNFQTLKIVILGVLPLVWVICYSGLIKTLRCRNEKRRRAVRLIF 240
 DB 181 HEPYSQYQFMKNFQTLKIVILGVLPLVWVICYSGLIKTLRCRNEKRRRAVRLIF 240
 QY 241 MIYVFLFMAFYNIYLLNTFOEFFGLNCCSSNRLDQAMQVETLGMTHCCINPIIYAFV 300
 DB 241 MIYVFLFMAFYNIYLLNTFOEFFGLNCCSSNRLDQAMQVETLGMTHCCINPIIYAFV 300
 QY 301 GEKFNRYLLVFPQKIAKRFCKCSIFQOAPERASSVYTRSTGEQISVGL 352
 DB 301 GEKFNRYLLVFPQKIAKRFCKCSIFQOAPERASSVYTRSTGEQISVGL 352

RESULT 11

US-08-724-984A-2
 Sequence 2, Application US/08724984A

GENERAL INFORMATION:
 APPLICANT: Deik Bergsma, Mary Braemer, and Usman Shabon
 TITLE OF INVENTION: No. 638055el Mouse Genomic Clone of the CC-
 TITLE OF INVENTION: CKRS Receptor
 NUMBER OF SEQUENCES: 5
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: SmithKline Beecham Corporation
 STREET: 709 Swedeland Road, P.O. Box 1539
 CITY: King of Prussia
 STATE: PA
 COUNTRY: USA
 ZIP: 19406-0939
 COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
 OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
 SOFTWARE: MICROSOFT WORD
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/724,984A
 FILING DATE: October 3, 1996
 CLASSIFICATION: 800
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: William T. Han
 REGISTRATION/DOCKET NUMBER: 34,344
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 610 270 5024
 TELEFAX: 610 270 5090
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 354
 TYPE: Amino Acid
 TOPOLOGY: Linear

US-08-724-984A-2

Query Match 84.0%; Score 1546; DB 4; Length 354;

Best Local Similarity 81.4%; Pred. No. 1.1e-119;
 Matches 288; Conservative 29; Mismatches 35; Indels 2; Gaps 1;

QY 1 MDYQSSPTIYINNTSPPCKINVKQIAARLLPPLYSLVIFGFGNMVILINCKR 58
 DB 1 MDYQSSPTIYIDYDTSPPCKINVKQIAARLLPPLYSLVIFGFGNMVILINCKR 60
 QY 59 KELKMTDYLNLAIISDLFFLLTVPMAHYAAOMDFGNTMQLTGLYFIFGFGSIFFI 118
 DB 61 KKLKMTDYLNLAIISDLFFLLTVPMAHYAAOMDFGNTMQLTGLYFIFGFGSIFFI 120
 QY 119 LLTIDRYLAHVAVPALKARTVTEGVTSVITWVAVAPSLPGIIFTRSQEGJHYTCS 178
 DB 121 LLTIDRYLAHVAVPALKARTVTEGVTSVITWVAVAPSLPGIIFTRSQEGJHYTCS 180
 QY 179 SSHFYSQYQFMKNFQTLKIVILGVLPLVWVICYSGLIKTLRCRNEKRRRAVRLIF 238
 DB 181 SHFPHYQYHFMKNFQTLKIVILGVLPLVWVICYSGLIKTLRCRNEKRRRAVRLIF 240
 QY 239 TIMIYVFLFMAFYNIYLLNTFOEFFGLNCCSSNRLDQAMQVETLGMTHCCINPIIYAFV 298
 DB 241 AIMIYVFLFMAFYNIYLLNTFOEFFGLNCCSSNRLDQAMQVETLGMTHCCINPIIYAFV 300
 QY 299 FYGEKFNRYLLVFPQKIAKRFCKCSIFQOAPERASSVYTRSTGEQISVGL 352
 DB 301 FYGEKFNRYLLVFPQKIAKRFCKCSIFQOAPERASSVYTRSTGEQISVGL 354

RESULT 12

US-09-131-827A-20
 Sequence 20, Application US/09131827A

GENERAL INFORMATION:
 APPLICANT: Dean, Michael
 APPLICANT: O'Brien, Stephen J.
 APPLICANT: Smith, Michael
 APPLICANT: Carington, Mary
 TITLE OF INVENTION: DELAYED PROGRESSION TO AIDS BY A
 TITLE OF INVENTION: MISSENSE ALLELE OF THE CCR2 GENE
 FILE REFERENCE: 14014.0333
 CURRENT APPLICATION NUMBER: US/09/131,827A
 CURRENT FILING DATE: 1998-08-10
 PRIOR APPLICATION NUMBER: 60/055,659
 PRIOR FILING DATE: 1997-08-14
 NUMBER OF SEQ ID NOS: 20
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 20
 LENGTH: 360
 TYPE: PRT
 ORGANISM: Homo sapiens

Query Match 74.1%; Score 1365; DB 4; Length 360;
 Best Local Similarity 75.8%; Pred. No. 8.4e-105;
 Matches 260; Conservative 31; Mismatches 46; Indels 6; Gaps 2;

QY 10 YDINNTSPPCKINVKQIAARLLPPLYSLVIFGFGNMVILINCKRILKMTDYL 69
 DB 24 PDYDY--GAPCHKFDVKQIGAQLLPPLYSLVIFGFGNMVILINCKRILKMTDYL 81
 QY 70 LNLAIISDLFFLLTVPMAHYAAOMDFGNTMQLTGLYFIFGFGSIFFIILTIDRYLA 129
 DB 82 LNLAIISDLFFLLTVPMAHYAAOMDFGNTMQLTGLYFIFGFGSIFFIILTIDRYLA 141
 QY 130 VHAVALKARTVTEGVTSVITWVAVAPSLPGIIFTRSQEGJHYTCSHFYSQYF 189
 DB 142 IVAVALKARTVTEGVTSVITWVAVAPSLPGIIFTRSQEGJHYTCSHFYSQYF 197
 QY 190 WKNFQTLKIVILGVLPLVWVICYSGLIKTLRCRNEKRRRAVRLIFTIMIYVFLFMA 249
 DB 198 WKNFHTIMNIILGVLPLVWVICYSGLIKTLRCRNEKRRRAVRLIFTIMIYVFLFMA 257
 QY 250 PNIYVLLNTFOEFFGLNCCSSNRLDQAMQVETLGMTHCCINPIIYAFVGEKFNRYLL 309

Db 258 PNIIVILINTFOFFPGLSNCESSTQSDQATQVTELTGMTHCCINIIIAFVGEKFRRLYS 317
 QY 310 VFQKHIARKRFCKKCSIPQEAEPERASVYTRSTGEQIEISVL 352
 Db 318 VFPRKHITKRFCKQCPFFYREIETVDGVTSTNNTSTGEQIEISAL 360

RESULT 13
US-08-461-244-3

[illegible]

Db 245 PNVIVLNTFQEFFGLSNCESTGQLDPA7QVTELTGKTHCCINPIIYAFVGEKFRRLYS 304
 Qy 310 VFEQKIAKPKCKCSIFQGEAFERASSVYRSTGEQISVGL 352
 Db 305 VFPRKIIITGRFKQGPVFRFRTVDVSTINPISQGEQVSAGL 347

RESULT 14
US-08-450-393A-4

	Query Match: 75.1%; Score 1364; DB 1; Length 360; Best Local Similarity: 75.5%; Pred. No. 1e-10; Matches 229; Conservative 32; Mismatches 46; Indels 6; Gaps 2
QY	10 YDNIYNTSEPCQKINNVQIQAARLLPRLYSVIFFGVGMMVLILLINKRLKSTIDYL 69
Db	24 FQYD--GAPCHKDVAQIGQQLPLYSVIFFGVGMMVLILLINKRLKCTIDYL 81
QY	70 LNLAIASDGLFLTPFPWAHYAAQOMDFGNMCOLLGLYIFGFSGFIPIILLIDRYLA 129
Db	82 LNLAIASDGLFLITPLPMHSAANEWYVGNMKCLFGLVHIGVFGGFIPIILLIDRYLA 141
QY	130 VYHAFPAKATTVFGVYTSVITMYVAVPSLSGLIIFTSQKEGHLHTCSSHPFSQYQF 189
Db	142 IYHAFPAKATTVFGVYTSVITMLVAVPSVSGIIFTSQKEBSYVYCGFPF---RG 197
QY	190 WKNPQTEKIVLGLVPLLVNVICSGILKTLTRCNEKKRRHRAVLLFTIMIVYLFWA 249
Db	198 WKNPFTIRNITGLVPLLVNVICSGIILKTLTRCNEKKRRHRAVYITIMIVYLFWT 257
QY	250 PNIIVILLNTEQEPFGNINCCSSNRLLDQACVETLGMTHCCINPIIYFAVEKERRNLL 309
Db	256 PNIIVILLNTEQEPFGNINCCSTISQDLQAQVETLGMTHCCINPIIYFAVEKERRRYS 317

QY 310 VEFQKHIAKRCCKCSIFQGEAPERASSVYTRSGEOEISVGL 352
 Db 318 VFRKHITKRFCKQCPVFRFTVDGVTSTNTPTSGEOEVSAGL 360

RESULT 15

US-08-446-669-4
 ; Sequence 4, Application US/08446669
 ; Patent No. 6132987
 ;
 ; GENERAL INFORMATION:
 ; APPLICANT: Chato, Israel
 ; APPLICANT: Coughlin, Shaun
 ; TITLE OF INVENTION: MAMMALIAN MONOCYTE CHEMOATTRACTANT
 ; TITLE OF INVENTION: PROTEIN RECEPTORS
 ; NUMBER OF SEQUENCES: 14
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Coolley Godward Castro Huddleson & Tatum
 ; STREET: 5 Palo Alto Square
 ; CITY: Palo Alto
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 94306-2155
 ;
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/446,669
 ; FILING DATE: May 25, 1995
 ; CLASSIFICATION: 435
 ;
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Neeley, Richard
 ; REGISTRATION NUMBER: 30,092
 ; REFERENCE/DOCKET NUMBER: TCAI-237/01US
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 415-843-5000
 ; TELEFAX: 415-857-0663
 ;
 ; INFORMATION FOR SEQ ID NO: 4:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 360 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 ;
 ; US-08-446-669-4

Query Match 74.1%; Score 1364; DB 3; Length 360;
 Best Local Similarity 75.5%; Pred. No. 1e-104;
 Matches 259; Conservative 32; Mismatches 46; Indels 6; Gaps 2;

QY 10 YDINVTSEPOCKINVKRIARLPLSLVFIQFVGNNMLVILLINCKRLKSMETIYL 69
 Db 24 FDYD--GAPCHKFVQKQIGQLPLSLVFIQFVGNNMLVILLINCKRLKCLTDIYL 81
 QY 70 LNLAIISDLFFLLTVFPMHAYAAQMPFGNTMCOILTGLYFIQFSGIFFIILLTIDRYLA 129
 Db 82 LNLAIISDLFFLLTFLMHSANANWVFGNANCKLFTGLYHIGYFGIFFIILLTIDRYLA 141
 QY 130 VYHAFALKARVTGVTSTVITWVAFAFLPGIIFTRSGEGHHTCSHPYXQYF 189
 Db 142 IVHAFALKARVTGVTSTVITWVAFAVSPGIIIFTRSGEGHHTCSHPYXQYF 197
 QY 150 WKNFQTLKIVILGLVPLVAVICYSGLIKTLRLCRNEKGRRAVRLFTIMIVPLFWA 249
 Db 158 WKNFHTIMRNILGLVPLVAVICYSGLIKTLRLCRNEKGRRAVRLFTIMIVPLFWA 257
 QY 250 PNYIVLLANTFQEFGLNANSSNRLDQAVTETLGMTHCCINPIIYAFGEKFRYYLL 309
 Db 258 PNYIVLLANTFQEFGLNANSSNRLDQAVTETLGMTHCCINPIIYAFGEKFRYYLS 317
 QY 310 VEFQKHIAKRCCKCSIFQGEAPERASSVYTRSGEOEISVGL 352

Db 318 VFRKHITKRFCKQCPVFRFTVDGVTSTNTPTSGEOEVSAGL 360

Search completed: April 12, 2004, 15:54:53
 Job time: 25 secs